

B. Claim Amendments

The following replaces all prior versions and listings of claims in the Application:

1 1. (Currently amended) A spring doctor, ~~particularly for use~~ for cleaning the rolls
2 (2) of a paper machine during operation ~~and including~~ comprising:
3 a blade (8) that is essentially the width of ~~the~~ a roll (2) being cleaned, and which
4 is attached to a blade holder (1); and

5 operating means ~~(for example, 6, 7)~~ for creating ~~the~~ a desired pressure of ~~the~~
6 doctor said blade against the roll, ~~characterized in that the~~ wherein said blade (8) is
7 manufactured from a composite material formed of a matrix and a reinforcement, in
8 which the reinforcement is formed of a fibrous material and that, in ~~the~~ operating
9 situation, ~~the~~ operation, said blade is convex in ~~the~~ a direction outwards from the roll
10 (2).

1 2. (Currently amended) A spring doctor according to Claim 1, ~~characterized in~~
2 ~~that wherein~~ the blade holder (1) is pivoted around a shaft pin (4), to be able to be
3 rotated to at least a limited extent.

1 3. (Currently amended) A spring doctor according to Claim 1, ~~characterized in~~
2 ~~that if desired, the doctor~~ wherein said blade (8) has, at a distance from its point,
3 particularly a plate-like dirt protector (13).

1 4. (Currently amended) A spring doctor according to Claim 1, ~~characterized in~~
2 ~~that the~~ wherein said blade (8) has, in ~~the~~ an immediate vicinity of ~~the~~ an attachment
3 location of the blade holder, a bend (12), curve, or other similar shape.

1 5. (Currently amended) A spring doctor according to ~~any of the above Claims~~,
2 ~~characterized in that the~~ Claim 1, wherein said blade (8) is a combination of a curved
3 portion and an essentially straight portion.

1 6. (Currently amended) A spring doctor according to ~~any of the above Claims~~,
2 ~~characterized in that the~~ Claim 1, wherein a thickness of the said blade (8) varies over
3 its length.

1 7. (Currently amended) A spring doctor according to Claim 7, ~~characterized in~~
2 ~~that the~~ 6, wherein said blade (8) thins towards its point.

1 8. (Currently amended) A spring doctor according to Claim 1, ~~characterized in~~
2 ~~that the~~ wherein a number or orientation of the reinforcing fibres of the composite
3 material of the said blade (8) vary varies in different parts of the said blade.